

ABSTRACT OF THE DISCLOSURE

The system includes a client device in communication with a server. The client device receives an input speech utterance in a voice dialog via an input device from a user of the system. The client device includes a speech recognition engine that compares the received input speech to stored recognition vocabulary representing a currently active vocabulary. The speech recognition engine recognizes the received utterance, and an application dynamically updates the recognition vocabulary. The dynamic update of the active vocabulary can also be initiated from the server, depending upon the client application being run at the client device. The server generates a result that is sent to the client device via a suitable communication path. The client application also provides the ability to customize voice-activated commands in the recognition vocabulary related to common client device functions, by using a speaker-training feature of the speech recognition engine.